

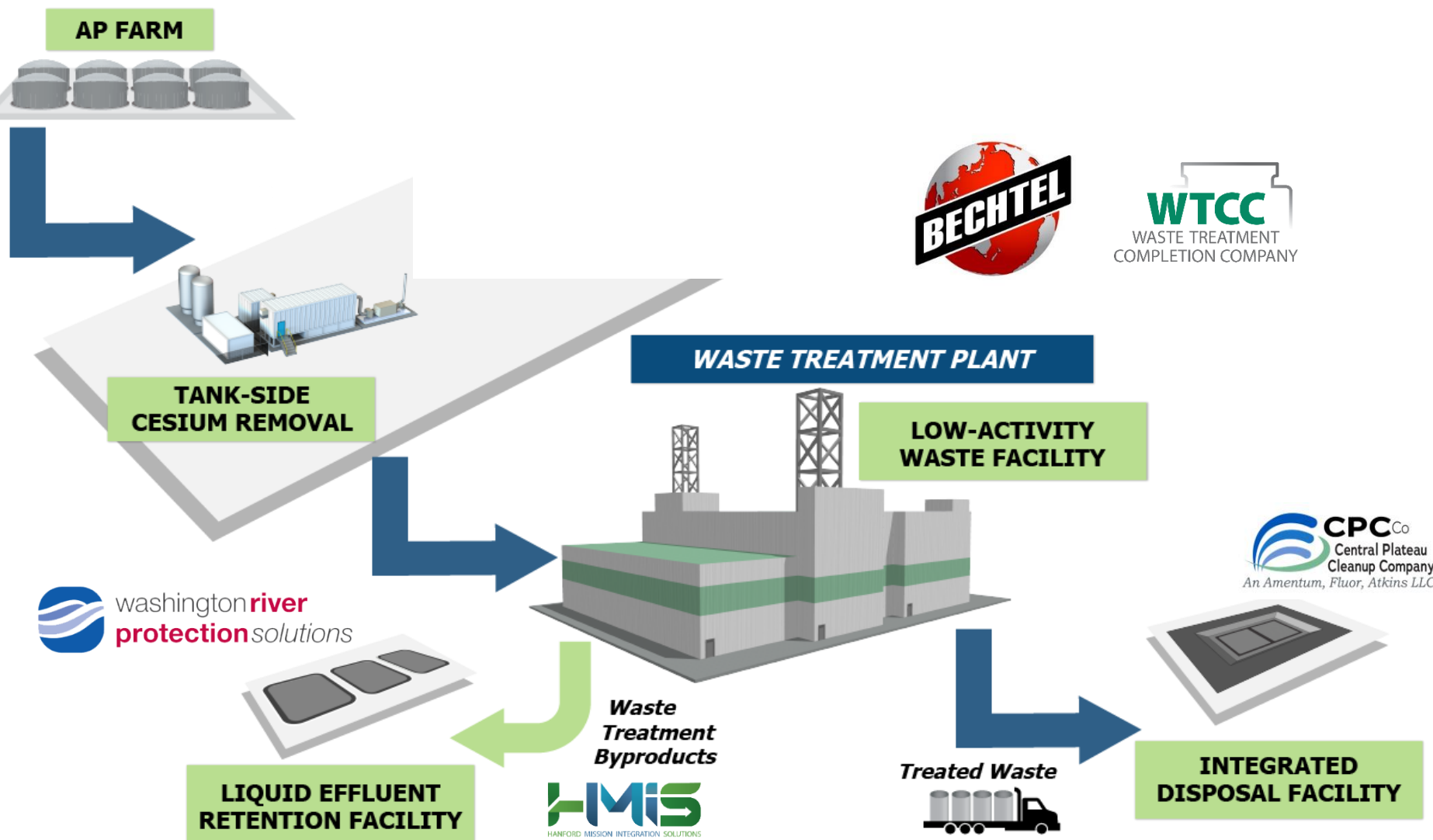


THE HANFORD SITE

Journey to Melter Heatup

Mat Irwin, Office of River Protection
Val McCain, Bechtel

September 22, 2021

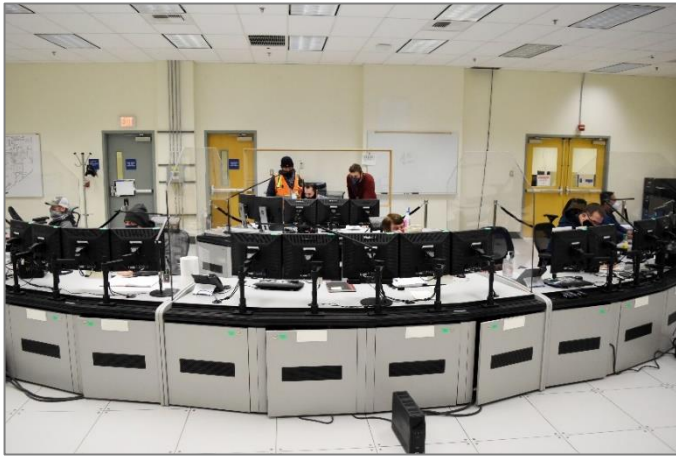


Getting to hot commissioning





Building our team for operations



LAW Facility control room



Laboratory chemists, technicians



Radiological techs, new training



Emergency preparedness drills



Completion of construction, testing



Low-Activity Waste Facility



Analytical Laboratory



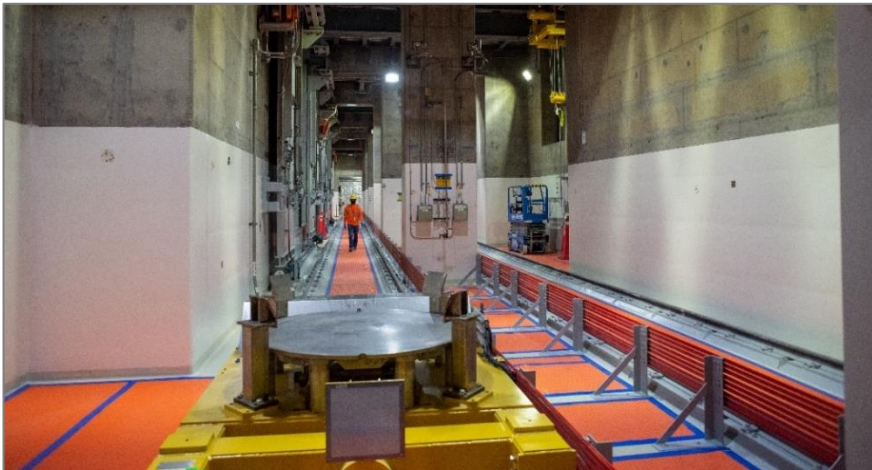
Balance of Facilities



Effluent Management Facility



Container testing



“Bogie” or trolley testing in finishing line



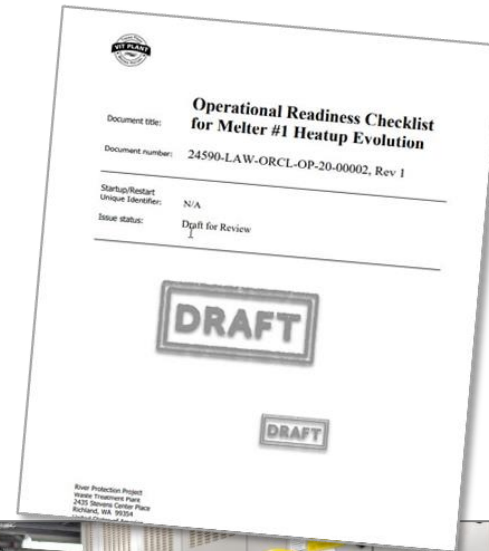
Remote operations testing



Preparing process, procedures, training



Developing procedures

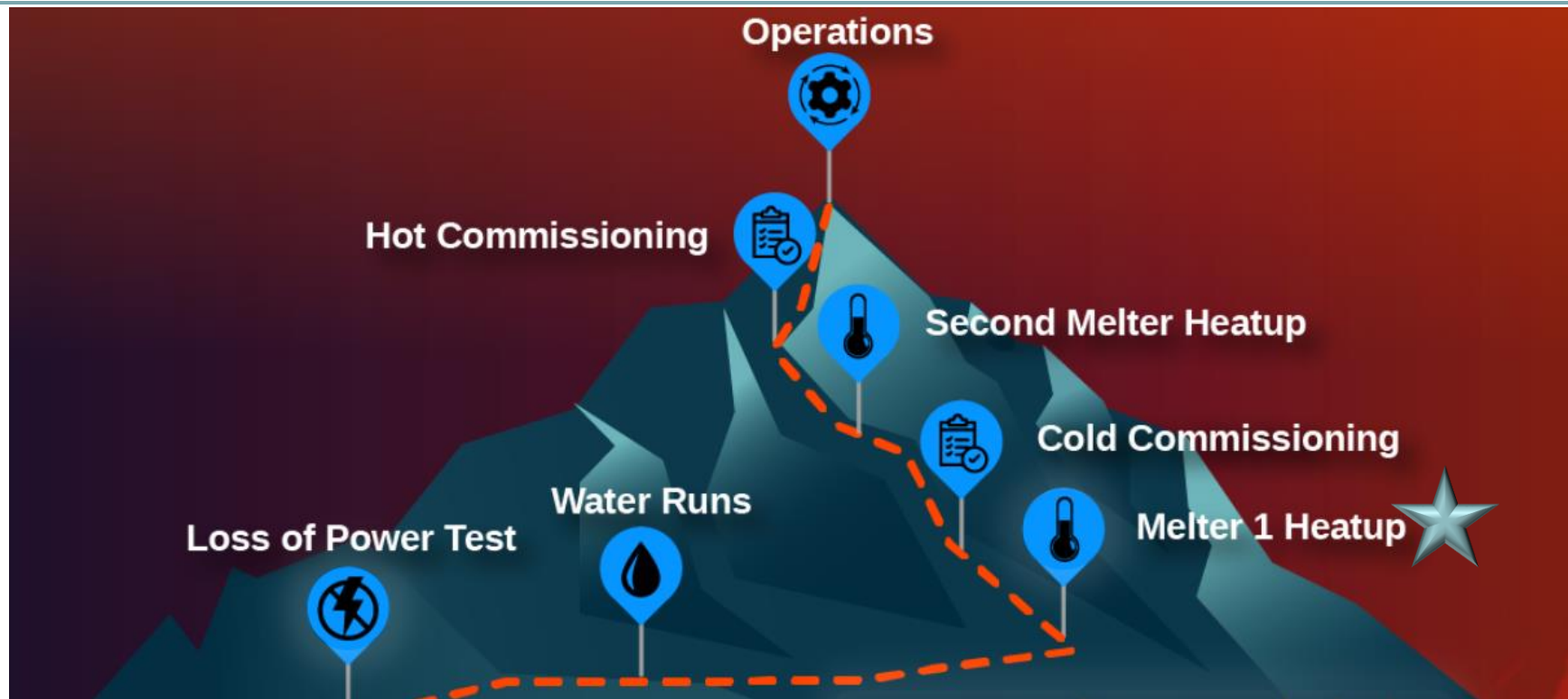


Dept. of Health site tour



Verifying procedures

The journey ahead



Oct. '21: Loss of Power test

Dec. '21: Start melter #1 heatup

Feb. '22: Cold commissioning begins

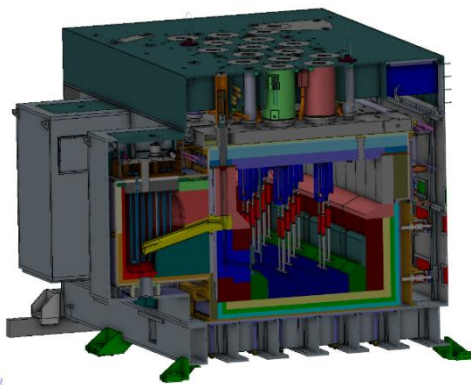
April '22: Start melter #2 heatup

Spring 2023: Achieve hot commissioning

2022

2023

- The melter
 - Bechtel is the design authority
 - Fabricated by Peterson Inc., Ogden, Utah
 - 300 tons each – nearly five times larger than Savannah River melter
- 2-month process to reach 2,100 degrees F
 - 1 month of heatup and testing
 - 1 month of performance monitoring





Learn more about melter heatup:

<https://melterheatup.hanfordvitplant.com/>

Follow us @HanfordVit Plant:

Instagram

Facebook

Twitter

LinkedIn

